

## CLAIMS

1. A regeneration device of an exhaust gas comprising:

5 a casing; and

a honeycomb-like filter accommodated in the casing and made of a porous silicon carbide sinter carrying an exhaust gas purification catalyst.

10 2. The regeneration device according to claim 1, wherein the honeycomb-like filter is heated by exhaust gas to remove the particulates included in the exhaust gas.

15 3. The regeneration device according to claim 1, wherein the honeycomb-like filter remove the particulates included in exhaust gas after the honeycomb-like filter is preheated by the exhaust gas.

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